

OUTLOOK

The University of Maryland College Park

November 3, 1986

News Briefs

Hearings on Drug Use

The Task Force on Drug Policies, Enforcement and Education will hold open hearings from 9 a.m.-5 p.m. Tuesday, Nov. 11, in the Prince George's Room of the Stamp Student Union. People who wish to express their views about ways to curb drug abuse at UMCP are encouraged to testify; times to do so may be arranged by calling 454-4702. Written comments are also welcome, and interested parties may supplement their oral remarks with written material as well.

Referendum Vote Set

Faculty and staff should already have received copies of the ballot for the Referendum on the new Campus Plan of Organization. Janet Hunt, Campus Senate chair, reminds all faculty and staff that the ballots are due back in the Campus Senate Office, 0104 Reckord Armory, by 1 p.m. Monday, November 10. For additional information call 454-4549.

Get Out The Student Vote

Please remind undergraduate students that voting for Student Government Association positions will be held from 8 a.m. to 8 p.m. Wednesday, November 12. Election machines will be used for voting, and a photo ID and current registration card are required for eligibility. Commuters and part-time students may vote in the Stamp Student Union, in mobile units in Lots 1 and 4, or in the Engineering Building west lobby. Residents may vote in Cambridge Dining Hall (Cambridge Area students), Denton Dining Hall (Denton Area students), Ellicott Dining Hall (Ellicott Area students), South Campus Dining Hall (North and South Hill students), or Ritchie Coliseum (Greeks and Leonardtown residents).

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New Faculty Salary Study— Special Merit Increases Go to 27 women and 2 men

The Office of Institutional Studies has released its latest faculty salary review, and it shows that the salary picture looked brightest for female full professors last year. The actual salaries for women in this group were more than predicted on the

basis of comparable male faculty members' salaries. In fact, this group earned an average 1.8 percent more than predicted in 1985.

The picture was not quite so rosy for female faculty of associate and assistant professor rank, although the

study shows that the salary situations improved for both of these groups, as well, between 1984 and 1985.

The FY 1985-86 Faculty Salary Review describes the results of the 1986 salary review process. Divi-

continued on page 3

WOMEN'S SALARY DIFFERENCES BY ACADEMIC GROUPING, TOTAL GROUP

Academic Grouping	1984			1985		
	Men (n)	Women (n)	Salary Difference	Men (N)	Women (N)	Salary Difference
Agricultural and Life Sciences	209	16	\$12,898	207	19	(\$4,723)
Arts and Humanities	173	61	(\$6,332)*	180	62	(\$6,544)
Behavioral and Social Sciences	177	35	2,392	168	37	(2,958)
Human and Comm. Resources	128	68	25,008	124	71	33,101
Mathematical and Physical Sciences and Engineering	310	12	43,295	319	12	33,687
All Academic Groupings	997	192	\$47,261	998	201	(\$9,437)
Not included in totals**	12	17		13	13	

*Parentheses indicate that the total actual salaries for women were larger than the salaries predicted from the men's regression equations.

**Certain groupings were too small to calculate predicted salaries. Other women were not included because their "Years Since Degree" were more than two years outside the range of the men's data for their academic grouping and rank.

Driesell Steps Down as Coach To Become Assistant Athletic Director

Coach Charles G. Driesell has stepped down as head basketball coach to become Assistant Athletic Director in UMCP's Dept. of Intercollegiate Athletics.

In making his announcement on October 29, Driesell said, "...I am proud of all that the basketball program has accomplished during the last 17 years, both on and off the court. I am very proud of our success in winning basketball games. But I am even prouder of the fine men that have been a part of the Maryland Basketball program. As a group, the University could not have better representatives than these scholar-athletes.

"I will continue to do my best to serve The University of Maryland. I want to wish the very best to the current members of the team. Finally, I want to thank the many friends of the basketball program and the University for their heartwarming support."

At a press conference held in the Main Administration Bldg. shortly after Driesell's statement, Chancellor John B. Slaughter stated that Driesell's new appointment would be effective immediately. He said, "...the agreement calls for the University to honor the central features of the employment contract Coach Driesell and Athletic Director Richard Dull signed in 1985."

"Coach Driesell's new employment arrangements with the University will be for an eight year term. Under this agreement, he will be paid \$85,800 plus annual increases allowed by the University procedures governing salary increases for Associate Staff. The position will operate under our standard Associate Staff personnel rules and therefore will be quite similar to the commitment we make to other Associate Staff employees," said Slaughter.

"The University will continue to sanction his annual summer basketball camps during this period and will guarantee him \$50,000 a year for the next four years in connection with University-arranged television appearances."

"Coach Driesell has served our basketball program for the past 17 years with enormous personal commitment, and he has brought great success to the program. The portfolio of 'sports promotion' responsibilities he is now assuming is ideally suited to his talents and experience and accommodates a genuine need of the University at present."

"We have come to a point, however, when it is in the best interests of the campus to have a change in leadership in our basketball program. With this in mind, I believe that Coach Driesell can and will make a greater contribution to our



Charles Driesell

Athletic Program in his new capacity as Assistant Athletic Director. Coach Driesell has played a pivotal role in the athletic activities of our campus in the past, and I believe he will in the future," said Slaughter, who added that he would have an announcement concerning coaching arrangements for the basketball program shortly. ■

—Roz Hiebert

ERC Issues Annual Report

The UM Engineering Research Center has issued its second annual report to the Dean of the College of Engineering summarizing fiscal year 1986 activities. Director Herbert Rabin reports that the Center's initial budget of \$600,000 in FY 1984, according to plan, has steadily increased

to a current operating level of \$1.9 million in FY 1986. "During the reporting period we have increased the level of interaction with industry substantially, and we believe we have laid the basis for yet enhanced levels of productive interaction between the University and business community," Rabin says.

Outstanding Physics Students

At the recent Physics Fall Assembly, the Physics Program recognized outstanding graduate student achievement. The Ralph D. Myers Teaching Award for outstanding service as a teaching assistant went to Jill Goldberg, Steven Stochaj, and Michael Stopa, with honorable mentions to Matthew Briggs, Lynne Orr, and Robert Sheldon. The Ralph Myers Award for Graduate Studies

for a first-year student was made to Hong Hao, and the Ralph Myers Award for Graduate Studies for a student entering with a master's degree was presented to Balakrishna Shankar. The awards are presented annually in honor of physics professor emeritus Ralph D. Myers, who retired in 1978. The awards carry cash gifts as well as professional recognition.

RESEARCH UPDATES

Lidar Monitors Atmospheric Pollutants

A radar/laser hybrid technology pioneered by research professor Thomas Wilkerson can be used to monitor air pollutants, including radioactive clouds similar to that released in the Soviet Chernobyl accident this summer, he reported in August to the International Cancer Congress in Budapest, Hungary.

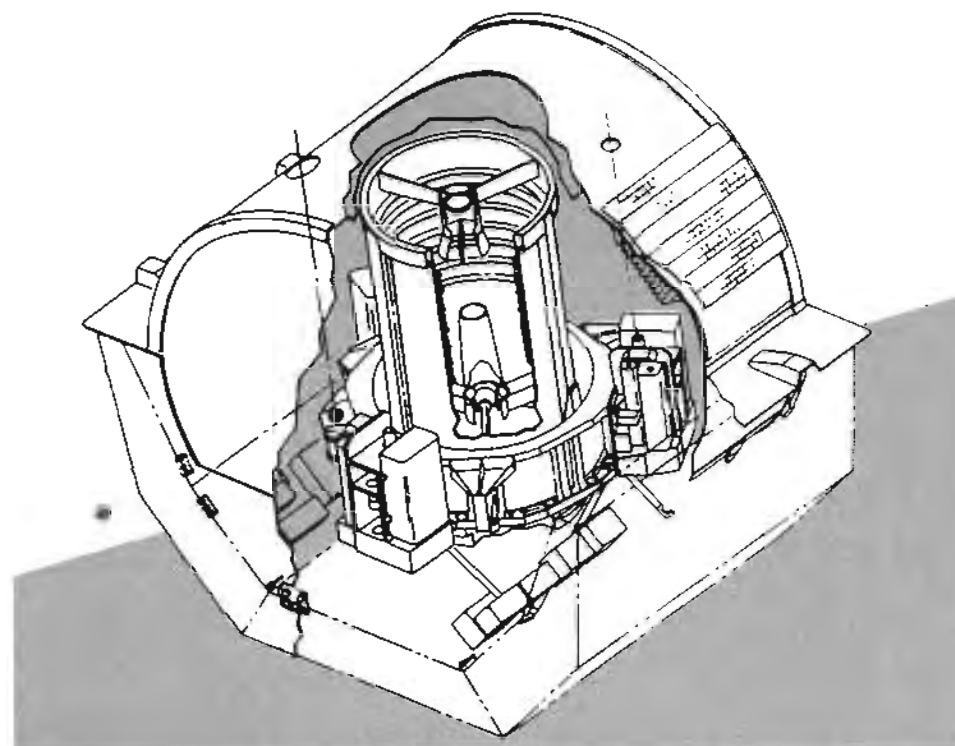
"Lidar"—a kind of radar using light from lasers—stands for Light Detection and Ranging. Essentially, it allows meteorologists and other scientists to take "pictures" of the motion of the atmosphere and its contents.

Wilkerson, who works in the Institute for Physical Science and Technology at UMCP, explains that radar alone gives only a very crude picture of such things as aerosols, gases and water vapor, the standard constituents of our atmosphere. But combining the intense beams of light emitted by short-pulse lasers with the radar principle, lidar reliably displays a map or picture of what the atmosphere contains.

Wilkerson explains that lidar pulses of light are directed toward an area of the atmosphere, either from a stationary platform or a moving object such as an airplane. These light pulses bounce off of minute particles in the atmosphere, and a fraction of each light pulse is backscattered to its starting point. This "lidar return" is picked up by an optical telescope and recorded on magnetic tape for computer analysis.

The UMCP physicist believes that one of the most important uses for lidar technology might be the monitoring of radioactive plumes from malfunctioning nuclear power plants.

"While the lidar can't do anything about this radioactive emission, it lets us monitor the direction and speed with which the atmosphere carries this dangerous radioactivity," Wilkerson says. What lidar really monitors is not the radioactivity per se, but the clouds carrying the radioactive particles.



Lidar model designed for an early space shuttle mission

For example, Wilkerson explains, lidar could help the D.C. area plan evacuation routes in the event of an accident at the nearby Calvert Cliffs plant by letting scientists track the movement of the wind currents transporting radioactive particles—either out to sea or over densely populated areas in and near the District. Emergency management

plans for the region depend on this kind of fine-tuned information.

Other countries are also investigating the use of lidar to help warn populated areas of impending toxic or radioactive pollution. One major installation in France measures atmospheric ozone—a special form of oxygen that protects the earth and its inhabitants from too much ultraviolet

radiation from the sun.

But Wilkerson and his IPST colleagues—senior technician Leo Cotonir, post-doctoral student Upendra Singh, graduate student Zhiping Chu, support workers Will Roberts, Frank Koterba, Mark Schmitt, Leontyne Brooks and Juanita Kus, and visiting scientists Rita Mahon and Charles Braun—face clear hurdles in popular use of lidar technology. One such hurdle is cost.

"Each unit costs between one and two million dollars," says Wilkerson, who notes that the cost may drop as smaller, more portable units are developed. Over time he foresees a worldwide network of such lidar stations to round out our knowledge of weather patterns and help predict cloud movement.

One type of cloud in particular captures Wilkerson's attention—those high, wispy cirrus clouds so typical of fair autumn weather. These thin layers of ice crystals probably surround the earth in a protective layer most of the time, but are very difficult to detect with conventional weather satellite photographs. Lidar currently comes to the rescue as the most sensitive method available for studying these peculiar clouds.

"In fact," Wilkerson says, "lidar may be the only method we have of gathering data for a complete global climatology of cirrus clouds." ■

—Rick Borchelt

FINPACK— Computerizing Farm Planning

Some Maryland farmers think they're in bad financial shape—but they're not. Others may think that everything is going well—but they're in for a rude awakening.

Telling the difference is the task of FINPACK, a computerized farm planning package that helps farmers compare the profitability of alternative long-range farm plans. First developed by economists with the Agricultural Extension Service at the University of Minnesota, FINPACK has been modified for use by Maryland farmers by Richard A. Levins, associate professor of agricultural and resource economics (AREC), and Dale M. Johnson, a faculty extension assistant with the AREC department. Levins serves as statewide coordinator.

The two specialists and ten county Extension agricultural agents are trained to administer the long-range FINPACK program in Maryland. They share six portable IBM-compatible Compaq computers, each equipped with two disk drives and a printer. At \$2,000 each, the ten computers plus an eleventh at the College Park headquarters are barely adequate to

provide statewide coverage; Levins hopes to acquire two more in the near future.

Levins notes that, while the current drought has been severe for Maryland farmers, it may be only a symptom of tough times ahead for State agribusiness. But he's equally convinced that accurate recordkeeping and proper financial planning can help farmers weather the economic crises ahead—and that's where FINPACK comes in.

"It's hard to figure out where to go when you don't know where you are," Levins says. "And plenty of stress results when you don't know where you stand."

Levins notes that one aim of FINPACK is to help keep healthy farms healthy. It's also designed to help farm families realize when changes need to be made.

"It's a free and confidential service that can help you take an objective look at your alternatives," Levins says, including such options as selling land, expanding operations, cutting back on production or even deciding whether to give up farming entirely.

FINPACK assesses the long-run

outlook for continuing farming with no changes. This assessment can then be used to compare various alternatives.

Levins emphasizes that FINPACK evaluates alternatives; it does not choose them. After the computer yields its print-out, it's time to discuss the alternatives with one of the agents who has been trained to use the FINPACK process, Levins says.

How long does the FINPACK process take? "A minimum of four hours," Levins says, and can range up to 20 hours if the farmer doesn't have all the requisite financial data readily available. Income tax records, net worth statements and other financial summaries are needed to feed into the FINPACK process.

"Very fundamental and far-reaching decisions are at stake," Levins points out, and the better prepared farmers are before running a FINPACK analysis, the more valuable the evaluation will be. ■

OUTLOOK

Outlook is published weekly during the academic year by the Office of Institutional Advancement for the faculty and staff of The University of Maryland College Park Campus.

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Focus on Computer Graphics

Computer wizards at UMCP will use their skills and advanced technology to design pictures at a workshop Sat., Nov. 15 and Sun., Nov. 16. The CADD Lab of the Department of Housing and Design is sponsoring a workshop in computer graphics. The first session begins Nov. 15 at 9 a.m.; the last session ends Nov. 16 at 6 p.m. Workshop leader is Terry Gips, who teaches photography and computer graphics at UMCP. Registrations will be taken through Fri., Nov. 7. The cost is \$200. For info call 454-2135.



Zoo/Psych

FULCRUM Nears Completion

The FULCRUM project computer labs for the College of Life Sciences are nearing completion and are currently staffed from noon to 8 p.m. Monday through Friday. Faculty, staff and students in the college can reserve the room for course use. If the facili-

ty is not being used for a class, individuals may use the computers on a walk-in basis. There are currently three IBM-XTs and eight IBM-PCs available, with DOS 3.1, BASIC 3.0 and 256 KB of RAM. The computers are also equipped with 8087 math co-processors. For more information, call David Inouye, 454-4085.

Faculty Salary Study

continued from page 1

sional review committees appointed by the then-provosts reviewed the salary of selected female faculty members in relation to the salaries of comparably situated men. As a result of this process, special merit adjustments totaling \$39,799 were awarded to 27 women, and two men received special merit adjustments totaling \$150.

In addition to the salary review process, Institutional Studies performed statistical analyses which compared the actual salaries of women faculty with salaries predicted on the basis of male faculty members' salaries. The statistical study included 998 male and 201 female full-time instructional and research faculty who hold doctoral degrees and the rank of professor, associate or assistant professor.

The data showed that the 201 women included in 1985 had total actual salaries \$9,437 more than the salaries predicted, while actual salaries for the 192 women studied in 1984 had been \$47,261 less than those predicted.

The salary gap decreased, as well, for 167 women in the constant group—those faculty who were in the study population in 1984 and 1985 and did not change their status. Their total actual salaries were \$6,010 less than predicted in 1985, as compared to 1984 when their salaries were \$43,720 less than predicted.

Total actual salaries for women in the full professor category were larger than salaries predicted from the men's regression equations in both the total and constant groups. In 1984, the 35 female full professors' total salaries were \$28,337 more than predicted, and in 1985 the 42 female full professors' salaries were \$36,989 more than predicted.

The situation for women in both associate and assistant professor categories improved, but on average women in these categories were still paid less than predicted. For both total and constant groups of associate and assistant professors, total salaries were smaller than predicted in 1984 as well as in 1985. However, the report shows that the salary gaps did decrease substantially from one year to the next.

For the total group of associate professors, the gap decreased from \$34,213 for 74 women in 1984 to \$2,969 for the 84 women studied in 1985. The assistant professors' salary deviation did not decrease as dramatically, however. Their salary gap decreased from \$41,385 for 83 women in 1984 to \$24,583 in 1985.

A look at the constant group of female faculty—those whose status did not change—shows that the salary gap for 69 women associate professors was reduced from \$50,810 in 1984 to \$28,477 in 1985. In the category of assistant professors whose status did not change, for 64 female assistant professors the salary

deviation decreased from \$38,464 in 1984 to \$31,394 in 1985.

Several kinds of data were supplied to the divisional review committees, including such types of data as scattergrams, rosters of faculty including salaries and years since highest degree, and tables of salaries of newly hired and newly promoted faculty to assist the committees in their work.

"The relationships between actual and predicted salaries for women are not uniform among divisions, among faculty ranks, or from year to year," explains Institutional Studies director Marilyn Brown. "Salary levels are affected by a number of factors which are not easy to quantify, and this study does not account for all the differences between women's actual and predicted salaries. For this reason, the differences must be interpreted carefully, and one cannot con-

clude from the study that salary differences result from a single cause or that they are the result of any inappropriate practices."

UMCP began monitoring faculty salaries in 1980, when it initiated a series of statistical studies attempting to identify aggregate differences between women's actual salaries and those predicted on the basis of men's salaries, yearly trends in these differences, and some factors responsible for annual changes in differences.

Following the 1981 study, an annual process was established to review women faculty salaries in relation to those of comparably situated men.

In 1986, according to a recommendation of the Chancellor's Commission on Women's Affairs, the process began to include only selected women for study, since reducing the number to be reviewed allowed

committees to study the materials being reviewed in more detail.

Those reviewed in the latest study include: tenure-track faculty appointed between Oct. 1, 1984 and Sept. 30, 1985; tenure-track faculty promoted for the 1985-86 academic year; faculty members for whom salary adjustments were recommended by the 1985 Divisional Salary Review Committee, particularly those who did not receive the full amount recommended; and tenure-track faculty in units selected by the Provost. It is intended that every tenure-track female faculty member will have her salary reviewed at least once in three years, according to the report.

For a copy of the report, call Institutional Studies, 454-4512. ■

—Roz Hiebert

A New Keyboard Key to Old Typing Problems

Attention typists of the "hunt and peck" school. Help is on the way.

Daniel Power, an assistant professor of Business and Management and Associate Graduate Faculty member, has invented a computer keyboard that simplifies typing for users not trained in the touch typing system. He recently received a U.S. patent for the device.

Power says his executive keyboard is an inexpensive alternative to teaching people who don't need to type long manuscripts the touch typing method.

The device is aimed at business executives and others intimidated by the regular computer keyboard, explains Power. He says he got the idea while watching executives struggle with the standard design.

Shaped like an elongated hand-held calculator, the keyboard includes letters in alphabetical order with nine rows of three columns each and followed by three rows of numbers. The left side of the keyboard is devoted to word processing functions and symbols. Long shift keys surround the keyboard on both vertical edges, while enter keys, running the width of the keyboard, are located at the top and bottom. The keys on his input device, says Power, can easily be rearranged to accommodate left-handed individuals.

Power says he designed and arranged the keyboard based on how people process information and the dexterity of the human animal. Many people are dextrous with only one hand, he adds.

Alphabetizing a standard keyboard into three rows, he found, was not the solution because it's nearly as difficult to learn and use as the present system.

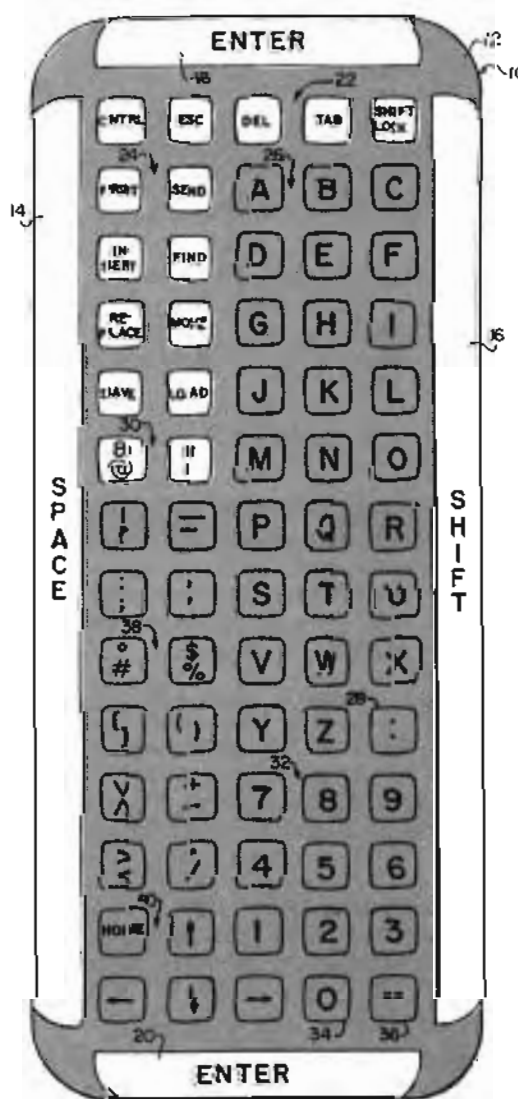
He envisions his keyboard being used by business people, receptionists and others who only have one hand free because they're conversing on the telephone or holding a mouse input device in the other hand. "It's for ease of use rather than speed," says Power and adds, "It's not going to replace a regular keyboard."

Power, who teaches business planning and specializes on how businesses get started, says he plans to license his invention rather than market it himself. "I'm an academic, not an entrepreneur," explains the Iowa native.

Although the prototype keyboard costs approximately \$10,000, Power, who has received several inquiries from interested computer companies, estimates that the mass produced unit will cost between \$150 to \$300.

Patent No. 4,615,629, like all its predecessors, was awarded by the government for a new and useful invention. But, cautions Power, just because something is useful doesn't guarantee its success in the market. "My hope is that it facilitates the computer revolution, reduces the barrier that [standard] input keyboard creates and expands the usage of computers," says Power. ■

—Harpreet Kang



U.S. Patent Oct. 7, 1986 4,615,629

Correction

The Oct. 27 issue of Outlook inadvertently transposed the hours of operation for the Cole Swimming Pool. The correct hours are:

Faculty/Staff Only MWF 11 a.m. - 1 p.m.
TTh noon - 1 p.m.
Campus Community M-Th 7-10 p.m.
Sun 2-8 p.m.

Outlook regrets the error.

Japan Constitution Exhibit

An exhibition which coincides with the 40th anniversary of Japan's post-war Constitution opens today at the Washington National Records Center of the National Archives in Suitland, Md. UMCP history professor Marlene Mayo is guest curator of the exhibit, *We the Japanese People ... A Documentary View of U.S. Influence on Japan's Constitution*.

Seascapes in Carriage House

Seascapes by former UMCP graduate student Win Warren will be on display at the Rossborough Inn Carriage House beginning Wed., Nov. 5. The exhibit, *Maritime Moments*, mostly features the Chesapeake Bay. In conjunction with this exhibit, Warren will give an art and poetry reading at a noon luncheon on Nov. 5 in the Carriage House. The Carriage House is open Mon. through Fri. from 10 a.m. to 4 p.m. The show continues through the month of November.



"Sentinel" by Win Warren

CALENDAR

November 3-10

MONDAY

November 3

The Use of Expert Opinion in Science, history & philosophy of science colloquium by Roger Cooke (U. of Technology, the Netherlands), 4:15 p.m., 1117 Francis Scott Key Hall.*

Labor Economics Seminar, international trade & development workshop by William Dickens (MIT), 3:30 p.m., 2106 Tydings Hall.*

International Development/Training Center to be Established in Silver Spring, MD, international development colloquium by David Depner (Inst. for Applied Ag.), noon-1 p.m., 2118 S. Admin. Bldg.*

GENESIS: An Extensible Database Management System, computer science lecture by D.S. Batory (U. of Texas at Austin), 4 p.m., 2324 Computer & Space Sciences Bldg.*

The Role of Spiders in an Intertidal Marsh, entomology colloquium by Hartmut Doebel (ENTM), 4 p.m., 0200 Symons Hall.*

The Interchange Instability Revisited, space science seminar by Dr. Margaret Kivelson (UCLA), 4:30 p.m., 1113 Computer & Space Sciences Bldg. Call x7305 or x3966 for info.*

Jack Boul & Peter Deanna: Two Washington Painters, exhibit, Art Gallery, Art-Sociology Bldg. On display until Nov. 26. Gallery hours: Mon.-Fri. 10 a.m.-4 p.m. (Wed. until 9 p.m.) and Sat. and Sun. 1 p.m.-5 p.m. Call x2763 for info.*

Alumni Invitational II exhibit, Parents Assn. Art Gallery, Stamp Student Union. On exhibit through Nov. 14. Gallery hours, Mon.-Sat. 8 a.m.-8 p.m. and Sun. noon-8 p.m.*

La Traviata, movie, 8 p.m., Hoff Theater. Call x2594 for info.

TUESDAY

November 4

DMA Recital-Lecture featuring David Miles, Euphonium, 8 p.m., Tawes Recital Hall. Call x6669 for info.*

Things I Needed to Know About Investment Banking That I Didn't Learn in Six Years of Graduate School, School of Public Affairs lecture by George Piendak (Alex Brown & Sons), 4-6 p.m., 1220 Lefrak. Call x6193 for info.*

Music Heard in Halle by the Boy Handel, Music Dept. colloquium by Bernd Baselt (Martin Luther U., E. Germany), 7 p.m., 3116 Tawes. For info call x2501.*

A Seminar Sampler: A Morning in the General Honors Program for area high school honor students, 9 a.m.-noon, 0110 Hornbake. Call x2532 for info.

Women's Hockey vs U. of Penn., 7 p.m., Denton Field.*

Harold & Maude, movie, 4 p.m., Hoff Theater. Call x4987 for info.*

Diner, movie, 7 & 9:30 p.m. Call x2594 for info.

WEDNESDAY

November 5

Alice Walker: Conversations With & About a Writer, live via satellite, 7:30 p.m., Volunteer Firefighter's Room, Center of Adult Education. Call 985-7195 or x3841 for info.

The Flying Karamazov Brothers, juggling & comedy troupe, 8:30 p.m., Grand Ballroom, Stamp Student Union. Call x4987 for info.

Atrium Showcase, featuring musician Ari Eisinger, 11-1 p.m., Stamp Student Union. For info call x4987.*

Women & Ethnic Conflict, CIDCM lecture by Vidya Samarsinghe (ANTH), noon-1 p.m., Mill Bldg. Call x2506 for info.*

Star Formation, astronomical observatory open house lecture by W.K. Rose (ASTR), 8 p.m., UM Observatory. Call x3001 for info.*

Pavement Management System, one-day training course, 8:30 a.m.-5 p.m., CE Conference Room, 1128 Engineering Classroom Bldg. Call x3103 for info.

Dominique Michel (Paul Sabatier U., France), 2 p.m., 3164 Engineering Classroom Bldg. Call x5673 for info.*

Women's Soccer vs. Franklin & Marshall College, 2 p.m.*

Diner, movie. See Oct. 4.

THURSDAY

November 6

The 1940's Radio Hour, a play about the golden age of radio, 8 p.m., Tawes Theatre. Show runs through Nov. 8 & repeats Nov. 13-15. A matinee performance will be held at 2 p.m. on Nov. 9. Call x2201 for info.

Quasi-One-Dimensional Electron States in Ultra-Submicron Structures, Greater Washington Solid State Colloquium by Frank Stern (IBM), 8:30 p.m., 1410 Physics. Call x7041 for info.*

A Night in China, reception & dinner at the Chinese embassy sponsored by the Education Alumni Chapter, 6:30 p.m., Embassy of the People's Republic of China, 2300 Connecticut Ave. NW, Washington, DC. Call x4566 for info.



"Map Fantasy" by Doris Berman on display at the "Alumni Invitational II" exhibit.

Computers & Counselors: A Demonstration, counseling and personnel services workshop by Jo Ann Harris-Bowlsby (American College Testing Service), 4:15 p.m., Faculty Lounge, Benjamin Bldg.*

Recent Research on Impulsivity and Language Acquisition, counseling center R&D seminar by Dr. Nancy Hewett (LAS), noon-1 p.m., testing room, Shoemaker Bldg.*

Art & Poetry Reading by Maryland artist Win Warren, noon, Carriage House, Rossborough Inn. For info call Sylvia Earl, x7896.

Multi-Cultural Coffee House, 3-4:30 p.m., 0202 Jimenez Hall.*

The Interaction of Disc Galaxies and Their Satellites, astronomy colloquium by P. Quinn (Space Telescope Science Inst.), 4 p.m., 1113 Computer & Space Sciences Bldg.*

The Hypoelliptic Case: The Existence of Density for a Filter, Distinguished Lecture Series on Malliavin Calculus by

Israel, Judaea & Samaria, lecture by Elyakim Haetzni, leader of a right wing settlement movement, 6:30 p.m., Jewish Student Center. Call 422-6200 for info.*

On the Role of Diabatic Heating in the Initialization of Prediction Models, meteorology seminar by Akira Kasahara (NCAR & Nat'l Meteorological Center), 3:30 p.m., 2106 Computer & Space Sciences Bldg. Call x2708 for info.*

Ruthless People, movie, 7 & 9:30 p.m. Call x2594 for info.

FRIDAY

November 7

Knowledge Without Truth, Joseph Tolliver (PHIL), 3:30 p.m., 1117 Francis Scott Key Hall.*

Obsessive-Compulsive Disorders in Adolescence, lunch 'n learn lecture by Henrietta Leonard (NIMH), 1-2 p.m., 3100E Health Center.*

From Covenant to Constitution: The Americanization of Judaism, General Honors Program lecture by Hasia Diner

(AMST), 2 p.m., 0110 Hornbake Library.*

Manganese Oxides: The Dark Side of Mineralogy, geological sciences seminar by Jeffrey Post (Smithsonian Inst.), noon, 0109 Hornbake Library. Call x6321 for info.*

Men's & Women's Swimming vs. LaSalle, 4 p.m., Cole Field House.*

Ruthless People, movie. See Nov. 6.
Stop Making Sense, midnight movie. For info call x2594.

SATURDAY

November 8

Ruthless People, movie. See Nov. 6.
Stop Making Sense, midnight movie. See Nov. 7.

SUNDAY

November 9

Great American Songwriters I, featuring the music of Rodgers, Gershwin, Van Heusen and many others, 4 p.m., Center of Adult Education Auditorium. Call x6534 or x6535 for info.

The Rabbis in English: Perspectives on Recent Translations of Talmudic and Midrashic Texts, Meyerhoff Center for Jewish Studies Colloquium, 1:30-5 p.m., Room 109, Center of Adult Education. For info call x7251.

Discovering Spain, Wanderlust Unlimited film & lecture by Willis Butler, 3 p.m., Hoff Theater. Repeats Nov. 10, 7:30 p.m. Call x2803 for info.*

Chamber Music Recital featuring Lamar Sims, 3 p.m., Tawes Recital Hall. Call x6669 for info.*

Piano Recital featuring Pamela Preston Kelly, 8 p.m., Tawes Recital Hall. Call x6669 for info.*

Ruthless People, movie. See Nov. 6.

MONDAY

November 10

Women's Commission Meeting, noon-1 p.m., 2105 Main Admin.*

Campus Senate Meeting, 3:30-6:30 p.m., 0126 Reckord Armory. Adjourned: Nov. 13.*

20th Century Ensemble: New Events Washington Concert, 8 p.m., Tawes Recital Hall. Call x6669 for info.*

The Effects of Computer-Assisted International Simulations on Secondary School & University Students, vice chancellor's international lecture by Judith Torney-Purta (EDUC), noon-1 p.m., Maryland Room, Marie Mount Hall.*

The Spatial Distribution of Wood Nesting Ants in Oregon's Coast Range, entomology colloquium by Gary Nielsen (ENTM), 4 p.m., 0200 Symons Hall.*

Making Data Structures Persistent computer science lecture by Robert Tarjan (Princeton U.), 4 p.m., 2324 Computer & Space Sciences Bldg.*

*—Free Admission

American Music Featured

The University Community Concerts' celebration of American music will begin with a concert Sunday, Nov. 9.

The concert is the first in this season's Great American Songwriters Series. The three-concert series features the work by such popular composers as Jimmy Van Heusen, George Gershwin, Richard Rodgers and Stephen Sondheim.

The series is designed to present American popular songs in a variety of styles ranging from jazz to cabaret singing.

The guitar-bass team of Gene Bertocini and Michael Moore will do jazz interpretations of work by George Gershwin, Richard Rodgers and other composers.

Singers Sandra King and Richard Rodney Bennett will perform works by Oscar-winning composer Jimmy Van Heusen.

The concert begins at 4 p.m. Nov. 9 in the Center of Adult Education Auditorium. For more information call 454-6534.

Camus and Voltaire in the Spotlight

Two French writers will be highlighted in upcoming lectures sponsored by the Dept. of French and Italian. The department's Scholar in Residence, Hayden Mason (Bristol U.), will speak on "Voltaire as Philosophic Poet," Wed., Nov. 5.

"Albert Camus: Death and Revival" is the title of a lecture by the noted Belgian writer and political figure Paul Smets, on the following Wed., Nov. 12. This lecture is co-sponsored by the Comparative Literature Program. Both lectures will be held at 4 p.m. in 3118 Jimenez Hall.

ARTS AT MARYLAND

What Did You Do in the War, Donald Duck?

World War II involved cartoon land as deeply as the rest of America.

Donald Duck became a foot soldier; Popeye joined the navy. Bugs Bunny wandered into the Black Forest for some bizarre confrontations with the Nazis.

On the homefront, Porky Pig helped support working women by becoming a baby sitter. Daffy Duck tried to dodge the draft and ended up on a rocket descending into hell.

Michael Shull, a communications consultant and film lecturer at UMCP, and David Wilt, a circulation librarian in the engineering library, find a fresh view of history in the wartime adventures of such cartoon characters. Their book *Doing Their Bit, Wartime Animated Short Films, 1939-1945*, will be released this winter by McFarland & Company. The book is a historical analysis of cartoons produced during the World War II era.

In researching the book, Shull and Wilt studied hundreds of cartoons dating from 1939 to 1945. They searched the cartoons to gather a portrait of American society during the war.

"I think this is another primary source for gauging attitudes of the public at the time," says Shull.

Cartoons, always part of the feature bill at movie houses in the 1940s, reached a wide adult audience. As many as 80 million people saw cartoons each week, Shull says.

To appeal to such a large audience, cartoon makers geared their work towards popular views and prejudices. This makes cartoons a good window to the past, Shull says.

The writers, however, acknowledge that cartoon-watching is not among the more traditionally revered forms of scholarship.

"Even people who consider pop culture and popular literature acceptable sources, ignore films and cartoons," says Wilt. "It's something like going through the garbage and finding a pot of gold."

Among the nuggets that Wilt and Shull uncovered:

- * Cartoons portrayed America's



A storyboard sketch from DER FUEHRER'S FACE (1943). • Walt Disney Productions.

enemies differently. When savaging the Germans and Italians, World War II cartoons focused on the personalities of Hitler and Mussolini. The Japanese were assailed as a people. Often the Japanese were portrayed as subhuman creatures such as rats. (On the other side of the Pacific, Japanese cartoons portrayed Americans as obese, rum-swilling men with horns.)

Shull speculates that racial prejudices contributed to the harsher treatment of the Japanese. Also the nature of the attack on Pearl Harbor and stories of Japanese brutality

against American prisoners of war added venom to the portrait of the Japanese, he says.

Interestingly, American cartoons avoided one type of racial slur. The Japanese were never derided as "yellows." Because the Chinese were American allies, cartoons wanted no indiscriminate slams against Asiatics, Shull says.

* Donald Duck carried the flag for Walt Disney Studios, while Mickey Mouse spent most of the war in limbo. Shull suspects Disney kept Mickey out of the conflict because

rodents were being used to portray the enemy.

* Cartoons addressed the major issues on the homefront including women in the workforce, rationing and the draft.

When many mothers joined the industrial workforce after the men went overseas, absenteeism became a problem. Women unable to find adequate care for their children sometimes skipped work in favor of their families. Cartoons dealt with the issue by enlisting Porky Pig as a babysitter.

Overall, of 1,000 cartoons released during the period, Shull and Wilt found that about 70 percent touched on the war in some way and more than 25 percent featured substantial references to the conflict.

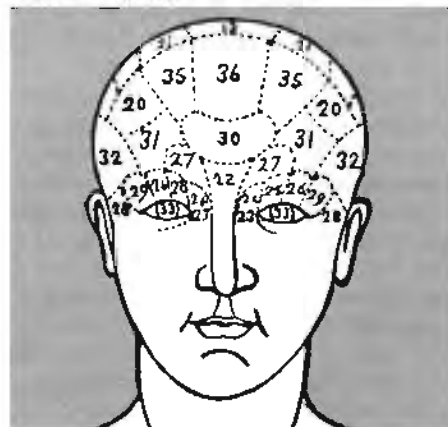
Shull got the inspiration for the project while studying feature films of the period for another project.

Shull and Wilt were friends who enjoyed talking film with each other. As the idea developed, Wilt became involved with the research. They each did about half.

Each of the co-authors brought different strengths to the project, Shull says. Shull dealt with much of the historical analysis, while Wilt added perspectives on film history and the way the film industry worked at the time. ■

Lectures Delve into the Mind

Scholars will discuss the human mind in a lecture series beginning this month at UMCP.



Jerry Fodor, of the CUNY Graduate Center in New York, will speak about the modularity of the mind at 4 p.m. Thursday, Nov. 13, in Rm. 1402 of the Chemistry Building. Modularity is a concept that views the mind as a set of different organs with each controlling a specific function such as vision or language.

His talk is the first of a new three-lecture series sponsored by the Committee on Cognitive Studies. The other two lectures will feature MIT professors. Shimon Ullman appears on campus Dec. 3, and Noam Chomsky, a pioneer in the modern study

of linguistics, will speak April 29.

The lecture series is among the first initiatives of UMCP's new Committee on Cognitive Studies. The committee is coordinating an interdisciplinary, inter-college cognitive studies program.

The program involves the linguistics program along with the philosophy, psychology and computer science departments at UMCP. In addition, UMCP faculty members are working closely with Johns Hopkins University scholars on the project. ■

Open Forums on Undergrad Education

A week-long series of open forums that will focus on a wide range of issues relating to the future of undergraduate education at UMCP begin today at 3 p.m. in Rm 1137, Stamp Student Union. The forums are open to all members of the UMCP campus community.

Chancellor Slaughter, Vice Chancellor Kirwan, Campus Senate Chair Janet Hunt, and SGA President King Tom are scheduled to make statements at today's forum. For info, call John Pease at 454-5570.

CLOSE UP

"Wonder," "Ambush," and "Freeman"—the Secret Alleys of Geography, Washington's Black Community

Blame it on L'Enfant, says Paul Groves, associate professor Geography, who has done intensive research on the development of black residential communities in Washington, D.C. and Baltimore.

In laying out his scheme of streets and avenues for Washington, D.C., the French engineer and architect rejected the simple grid system found in most big cities and, instead, created a grid with radials that formed numerous large and irregularly shaped blocks. The blocks provided space for front and back yards and a rather unusual system of alleys, many of which branched off other alleys—forming H's—and giving them no direct outlet to a street.

Eventually, the lots were divided and small dwellings were built on the back sections facing the alleys. Usually the work of unscrupulous landlords out to make a financial killing, Groves says the alley homes were poorly constructed and sold or rented to people of slender means. Dirt floors, poor heating, inadequate insulation, uncovered wooden privies, small rooms and insufficient drainage of the alley "streets" best describe the situation.

"From the Civil War period well into the 20th century, alley dwellers in D.C. were overwhelmingly black—and poor," says Groves.

"Many of the black people came to Washington from rural Virginia and Maryland believing that by living in the nation's capital, somehow their problems would be resolved."

Because the interior alleys ran parallel to the side of the block, hiding their populations and providing limited access to or from the block front, they had an aura of secrecy and mystery. Outsiders rarely ventured into what must have seemed an alien world to them, and one block's alley community did not associate with those from other blocks. Yet, alley life—such as it was—existed in close proximity to Capitol Hill and the palatial homes of Dupont Circle.

"Conditions in the alley homes were deplorable, yet recent research indicates there existed a strong sense of community among the residents," says Groves. "Few non-alley dwellers ever ventured into the warrens. Therefore, it took decades before any attempts were made to rectify the situation."

Alleys with names such as "Wonder," "Ambush," "Freeman," and "No Name," were part of a two-tiered social arrangement, a block within a block. The "outside block" was the one streetside, and its residents were invariably white. The interior block belonged to the poor black families—and white in some cases, since a number of Irish im-



migrants settled in alleys. They were islands of poverty and neglect scattered throughout the District of Columbia.

Finally, in 1897, the city inaugurated a series of laws dealing with alley dwellings. The legislation

specifically prohibited the building of houses in alleys less than thirty feet wide (many were only 12 feet wide) and not supplied with sewage connections, water mains and electric power. It also provided for the construction of new homes to which

Mapping the Ancient World Through Art

One hundred and ninety pairs of eyes were riveted on the diagram of the Roman Colosseum. One hundred and ninety pairs of ears were taking in Assistant Professor of Art History Marjorie Venit's description of the ancient arena's design and the uses for which it was constructed circa 80 A.D.

"Roman gladiators were a lot like today's rock stars," explained Venit to her hushed audience. "Some of the really successful ones were rich, famous and idolized. Like rock stars, however, you weren't overly anxious to have anyone in your family marry a gladiator."

Once the students' laughter subsided, Venit continued her slide-lecture, though she often digressed from the themes of Ionic, Doric, Corinthian, and the like to inject both interesting and entertaining bits of information about the early Romans and their idiosyncrasies.

"Art is one of the tools we have to understand the ancient world, but because the ancient world is so foreign and far away, one just can't isolate art and expect it to mean

anything to the students," she says. "So I like to approach the subject in an interdisciplinary manner. This way students do not simply look at the style of a structure like the Colosseum or a vase from ancient Crete. They also learn something about the people—their religion, how they lived, what was important to them."

Ancient vases, or rather, fragments of such vases, are of special interest to Venit. She is currently conducting research on kantharoi, Greek drinking cups associated with Dionysos, fragments of which have been excavated in Egypt.

"The questions I'm looking into now are why are so many early 6th century B.C. Athenian kantharoi found in Egypt, specifically at the Greek site of Naukratis?" she says. "What meaning did the shape have in the early 6th century? Surprisingly, it is not connected with Dionysos. And while in and of itself the answer may not seem of earthshaking importance, it gives us one more piece of the puzzle and brings us a step closer to understanding the ancients better."



Paul Groves

alley residents could relocate. The problem was that only a modest number of new homes were built, and those generally were offered to white alley residents.

"It wasn't until 1918 that Congress passed a law banning the use of alley dwellings," Groves explains. "But by this time, the city's black population had spread beyond the alleys to street-front dwellings and, in some instances, to other neighborhoods left to themselves, black Washingtonians probably would have gradually integrated into white areas as their means permitted. However, stringent segregation policies were quick to keep them contained and isolated."

Groves believes that when black families living in alley dwellings achieved a margin of economic security, they sought street-front locations. Within the District, by 1900 the southwestern section had become the largest single black neighborhood in D.C. This area also became home to hundreds of rural black people moving to the city from the border states of Maryland, Virginia and Delaware. By the close of the 19th century, almost half of Southwest's population was black (the District's population was closer to being one-third black).

"By the end of the century the most visible black residential area was found between 4½ Street, Delaware Avenue, B Street and I Street," Groves says. "However, the 4½ Street retail strip operated as the western edge of the black residential area. It served as a solid barrier to black expansion westward."

In the years following 1900, Washington's black population expanded westward beyond 4½ Street. The alleys and streets of Southwest, however, were the birthplaces of the capital city's black community and as such, served as the cradle of one of the city's most outstanding traditions—its strong black residential areas. ■

—Mercy Hardie Coogan

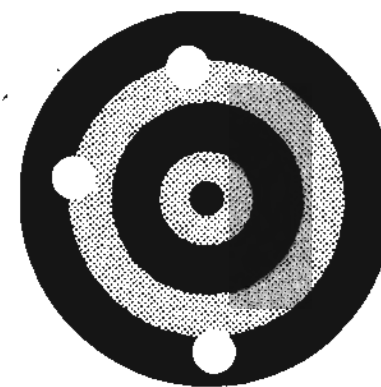
"A Night in China"

The Education Alumni Chapter celebrates "A Night in China" Thurs., Nov. 6, with a reception at the Embassy of the People's Republic of China in Washington, D.C. Education Counselor Li Wei-tong will discuss education reforms in the new China and offer a brief travelog. Guests also will sample Chinese beer and wines and seven exotic Chinese dishes. The program will include formal exchange of greetings between the Ambassador and embassy staff and UM President Toll, Chancellors Slaughter and Massey, and Education Dean Scannell.

Taking Aim with AIM

AIM—Access to Information about Maryland—is a new computer information system that will provide information about campus services and events. AIM computer terminals allowing users to call up information will be located in the main lobby of the Stamp Student Union and in Hornbake and McKeldin libraries.

AIM information also can be retrieved by individuals with personal computers by using a telephone modem. Program analyst Jim Youmans says, "The system will be able to answer questions students may have about the campus' operation, available activities, health services, and academic requirements, as well as social and recreational events."



COLLEGE PARK PEOPLE

A One-Woman Balancing Act

"I've made a conscious choice to live life in the slow lane," says Rosemary Blunck, a Sec.III in the School of Public Affairs' Bureau of Governmental Research. "In my mind, there's no question that my family comes before my job as well as before all other aspects of my life. This has nothing to do with sacrificing my ambitions or putting off terrific career opportunities so that I can devote myself to hearth and home. This is truly what I want."

Having said this, Blunck begins to describe her version of the slow lane—which to at least one observer resembles the outside track of the Indianapolis Speedway on Memorial Day a lot more than it does Route One during rush hour.

"As administrative assistant for three professors, much of my time is spent typing, proofing and editing their papers," she explains. "It's extremely interesting work since my bachelor's degree is in political science and geography. But it can be very demanding, too. We may be a small school, with only 40-50 graduate students, but the level of activity here is very intense."

Nor does the level of activity become less intense when Blunck

"I believe it's very important to get involved in all elements of my children's lives," she explains. "And I devote much of my time and effort to doing so. For the most part, I enjoy it immensely."

And she's good at it. To wit: in the past three years—ever since her oldest son Christopher started school (number two son, Andrew, is four years old and in nursery school)—she has been a room mother twice (let no one scoff at this task—just ask an elementary school teacher about its significance), a coordinator for two years running of the school's annual fund-raising extravaganza, in charge of the parent volunteer program, the author of a parent handbook, one of the formulators of the school's reply to the county's Green Report on desegregation, a classroom math tutor (done on her lunch hour), an organizer for a local Cub Scout troop and an active member of the area's boys and girls club. "I'm no superwoman despite how this must sound," she is quick to point out. "My husband Ron and I worked closely with others from the community on all of these projects. No one could possibly accomplish them alone. On the other hand, it takes a

regarded faculty members who formally retired (informally he remains very much a part of the campus) last spring from the College of Business and Management.

"My parents have always been and continue to be my main role

models," she says. "Some of my earliest memories are of them being involved in what seemed like dozens of activities. At the heart of everything they did, however, was their family." ■

—Mercy Hardie Coogan

Behind the Scenes



Anne Conway supervises the work control office

You work in a busy office, do you? Phones constantly ringing, people bustling in and out laden with manila folders and multi-carboned official forms, computer printers noisily churning out their cornucopia of letters and memos? Okay, we'll call that busy. But if you want to know what *ultra-busy* is, you should spend a few minutes observing the Work Control office located across Route One (across, that is, only if you happen to work on the west side of "the Route") in the Service Building.

Anne Conway presides over a scene that is nothing short of organized frenzy as she and her colleagues field hundreds of phone calls every day from people on campus with maintenance problems. "We operate a 24-hour service here," Conway says. "Our job is to find out what the specific problem is and contact the shops that will do the actual repairs." The office's pace setters are the dispatchers, the individuals we talk with when we call work control about a leaky pipe, a lost key, a too cold/hot office, and the like. **Jim Turri** (a UMCP grad and computer buff who happens to be blind), **Dave Black** (a dispatcher for six years), **Gill Lavalley**, **Helen Goodson**, **Janet Hansen** and **Fred Rogoff** are praised for their ability to solve many problems over the phone by just asking the right questions. The night shift dispatchers, **Al Steinmeier**, **John Blake**, **Cromwell Chiang** and (from midnight to 8 a.m.) **Charles Elmer** are on hand for whatever emergencies arise during the wee hours. Once the problem is logged and it's determined whether or not immediate action is necessary (e.g., it's lunch time and the door to a classroom filled with

37 famished students will not open) or if can be done following the regular procedure, Conway and her assistants **Marle Dory** and **Sue Hall** step into the picture and start the ball rolling so that the repair work gets accomplished in as timely a fashion as possible. "There is this crazy misconception that many people on campus have about our office," Conway says. "It's that we have an army of little men sitting all over the place just waiting to be sent out with hammer and screwdriver as soon as a work request is phoned in to us. Sorry, but that's not the way it is. We are a communications center and as such, it's our job to match up the people needing assistance with the people who provide assistance. Our procedures for doing this are excellent, but in an institution of this size it's a fact that everything takes time. Patience, please"...

Time is of the essence to **Marvin Johnson**, now in his 20th year at UMCP. He supervises the removal of all solid waste from campus buildings to the county's Brown Station Landfill. According to his boss, Johnson "gets more work done in a day than most people do in a week, and his attendance record is excellent to boot." What's more, **Daisy Johnson**, who married Marvin over 20 years ago, belongs to the Housekeeping Dept. and works the evening shift. "We both like our jobs," says Marvin. "We're a real Maryland family"...

And finally, **Elaine Ropko** and **Evelyn Yocco** are back. Both are on the libraries staff, having returned to UMCP after eighteen and four-year absences respectively. Welcome aboard—again. ■



IN THE SPOTLIGHT: Rosemary Blunck

shuts down her microcomputer at 4:30 p.m. and heads for the parking lot behind Morrill Hall. Like every woman who works full-time and is a mother of small children as well as a wife, arriving home after a long day at the office doesn't mean it's finally time to kick off one's shoes and leisurely sip something frothy on the back veranda as the day's worries melt away. Far from it in Blunck's case.

lot of what might be considered my free time to get all this done. But this gets back to the enjoyment and reward factors. Some people collect stamps or watch TV for fun. I prefer the stimulation and gratification I derive from this kind of involvement instead."

Blunck, who grew up in University Park, is the daughter of Galatha and Charles Taff. Her father is one of UMCP's best-known and most highly

Bookstore

Bonus for Page Turners

The University Book Center is expanding its magazine selection and seeking suggestions and comments from the campus community. Ron Jett, Technical & Reference Book Dept. Manager, says he already buys a number of specialized magazines in computer technology, literature and the fine arts but also would like to offer some foreign language and

business related publications. The store, which began stocking magazines last fall, has concentrated exclusively on specialized periodicals rather than selling popular, general interest publications found in most supermarkets. If you have a favorite magazine that you have trouble finding, stop by The Book Center in the basement of the Stamp Student Union or call x5840.

Harper Wins Miller Award

Robert A. Harper (Geography) has won the George J. Miller Award for Distinguished Service to Geographic Education at the annual meeting of the National Council for Geographic Education in Chicago earlier this month. Harper is the 52nd recipient of the award, the Council's highest honor.

New Episcopal Chaplain

The Rev. Peter Peters, formerly chaplain of the National Cathedral School in Washington, D.C., has been named the new UMCP Episcopal Chaplain. He replaces Fr. Wofford Smith, who recently retired. Fr. Peters holds a Ph.D. degree from Vanderbilt University and MAR from Yale Divinity School.

FYI

Book Briefs

Outlook is happy to highlight the book output of members of the UMCP faculty and staff. Please let us know when you have a new book coming out. Review copies are always welcomed and will be returned to the author.



Dieter Wins White Award

George E. Dieter, Jr., dean of the College of Engineering, has won the Albert Easton White Distinguished Teacher Award from the American Society for Metals. The award was presented last month at the Society's annual Materials Week meeting in Orlando, Fla. Dieter was cited for "pioneering educational achievements elevating the concepts of mechanical metallurgy into a major part of the materials field, and for influencing engineering education worldwide."

Heller Named to ERC

Charles O. Heller has been appointed director of industrial research programs of the UM Engineering Research Center. He was co-founder and president of InterCAD Corp., an Annapolis firm that develops and markets computer workstations for

electronic technical publishing, and established CADCOM, Inc., a pioneer CAD-CAM firm. He also served on the engineering faculties of the U.S. Naval Academy and UCLA.

New Book on Special Recreation

Ralph W. Smith (RECR), Dan W. Kennedy (Penn State) and David R. Austin (Indiana University) have co-authored *Special Recreation: Opportunities for Persons with Disabilities*. The new book, published by Saunders College Publishing, is written for undergraduate students and emphasizes a practical approach to offering recreation programs that include people with disabilities.

Schlossberg Featured Speaker

Nancy Schlossberg (CAPS) was a featured speaker at last month's National Conference of the National Academic Advising Association in Seattle. She spoke on "Understanding and Reaching Adult Learners."

Info Technology Award

American Management Systems, Inc. and Carnegie Mellon University's Graduate School of Industrial Administration are cosponsoring the first annual Award for Achievement in Managing Information Technology. The awards will recognize information systems executives and professionals who have made significant contributions to their organizations through especially effective use of computer systems and communications technology. Formal nomination request forms are available in the Office of the Vice Chancellor for Academic Affairs. Deadline is Nov. 15. For info call David Falk at 454-4508.

White House

Fellowship Program

Candidates for the 1987-88 White House Fellowship Program are being sought. Open to all U.S. citizens except civilian employees of the federal government, the program seeks individuals who demonstrate leadership, intellectual and professional ability, and commitment to community and nation. Application deadline is Dec. 15. For application materials and info, call the President's Commission on White House Fellowships at 395-4522.

Hasbert Visits Campus

The Dean's Undergraduate Council, the officers of the 16 primary undergraduate organizations in the College of Business and Management, recently held a Chief Executive Officer Campus Visitation Day. Their guest was Raymond V. Hasbert, Sr., president of the Baltimore-based Parks Sausage Co. Hasbert spoke to classes in management leadership and met informally with small groups of students.

Encyclopedia Volume Published

The seventh volume of the nine-volume, 7,000 page *Encyclopedia of Statistical Sciences* has just been published. The Encyclopedia has been hailed as a milestone in statistical literature of the 20th century. Samuel Kotz (Bus & Mngt.) is one of its two co-editors-in-chief.

STAR Light, STAR Bright

The Student Tutorial and Academic Referral Center (STAR) is a student service on campus that offers old exams to students so that they may

become acquainted with the material and style of each course. STAR would appreciate receiving copies of previous exams. They may be sent to Kimberly P. Fleetwood, STAR Center Director, 1211D Adele H. Stamp Student Union.

Research Papers Win Transportation Prizes

The Transportation Research Forum's Motor Carrier Research Paper prize of \$1,000 was recently awarded to Thomas M. Corsi, Curtis M. Grimm, and Raymond D. Smith (College of Bus & Mngt.) for their paper, "Motor Carrier Strategies in a Changing Environment: An Empirical Analysis." A \$500 first prize for a graduate student paper went to UMCP student Robert E. Trempe for his paper, "The Effect of Deregulation on Domestic Passenger Airline Costs." The awards were made during the TRF annual meeting in Seattle last month.

Kellogg National Fellowships

Applications for the Kellogg National Fellowship program must be filed with the Office of the Vice Chancellor for Academic Affairs not later than Wed., Nov. 26. The annual program offers outstanding American professionals from academe and the public and private sectors an opportunity to broaden their social and intellectual sensitivity, awareness, and leadership potential. The three-year program is designed for individuals in the early years of their professional careers and who have demonstrated a willingness and capacity to provide institutional, community or professional leadership. For details and application forms, contact Asst. Vice Chancellor David Falk at x4508 or x7408.

FOCUS

New Research Building Ready by May

This is not just another construction project, mind you. On the contrary, the new Research Building now being erected between the Wind Tunnel and the old postal facility is definitely *sui generis*, though its distinctiveness is due neither to its design nor its destiny. As its name implies, the new building will be used mainly for research purposes by the Computer Science Department, Engineering Research Center, Colleges of Agriculture, Life Sciences, and Education, the Systems Research Center and, temporarily, the Administrative Computer Center.

But what makes it especially noteworthy is not so much the *what* of the building, as the *how* and the *when*.

"In the first place, the Research Building will be constructed in an unheard of amount of time," says David Falk, assistant vice chancellor for academic affairs and the main adjudicator of the building's space allotment. "Construction began in September and parts of the building will be ready for occupancy in May 1987. Secondly, the users are the ones putting up a major part of con-

struction costs. In other words, the state is not footing the bill, the campus is. Because we've done such a good job attracting research dollars, we are able to use some of them to pay for this much needed space. For these two reasons the project is moving along at an unnaturally quick pace," explains Falk.

Since following the procedures required by the complex state process is not a factor, the Campus is dealing independently with the firm responsible for constructing the building and has added a clause to its contract that provides a bonus if work is completed ahead of schedule, as well as a penalty for being overdue.

The L-shaped building will have four floors on one wing, three on the other. It will provide 85,000 square feet of usable space—11,000 of which is designated for a main frame computer to be shared by several groups of researchers.

"Eventually, somewhere down the road, we'll add another wing so that the building forms a U," Falk says. "But this will have to wait until the funds are available." ■



WEST ELEVATION
Research Building



The University of Maryland
College Park Campus